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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 2

**Complete if Known**

Application Number	
Filing Date	04-01-2004
First Named Inventor	Thomas P. Nefos
Art Unit	
Examiner Name	
Attorney Docket Number	

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
aj		US- 6641533	11-04-2003	Causey	4(27-37); Fig. 21
		US- 6569102	05-27-2003	Imran	8(29-31); 15(19-22)
		US- 6569101	05-27-2003	Quistgaard	16(25-29)
		US- 6540685	04-01-2003	Rhoads	Fig. 4
		US- 6540682	04-01-2003	Leavitt	6(5-34)
		US- 6530887	03-11-2003	Gilbert	Fig. 11
		US- 6514205	02-04-2003	Lee	4(35-44)
		US- 6497664	12-24-2002	Randall	Fig. 13A
		US- 6379304	04-30-2002	Gilbert	Fig. 9B
		US- 6106472	08-22-2000	Chiang	6(54-59)
d		US- 5690114	11-25-1997	Chiang	8(27-51)
		US- 5197037	03-23-1993	Leavitt	Fig. 3B
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>

Examiner Signature	<i>aj</i>	Date Considered	12/15/2006
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	
		Filing Date	04-01-2004
		First Named Inventor	THOMAS P. NEFOS
		Group Art Unit	
		Examiner Name	
Sheet 2 of 2	Attorney Docket Number		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
aj		JENSEN, JORGEN ARENDT, "Implementation of ultrasound time-domain cross-correlation blood velocity estimators" IEEE Transactions on Biomedical Engineering, Vol. 40, no 5, pp 468-474, 1993	
		CHIIHIRO KASAI, KOROKU NAMEKAWA, AKIRA KOYANO AND RYOZO OMOTO, "Real-Time Two-Dimensional Blood Flow Imaging Using an Autocorrelation Technique", IEEE Transactions on Sonics and Ultrasonics, VOL SU-32, NO 3, May 1985	
		B.G.TOMOV AND J.A.JENSEN, "A new architecture for a single-chip multi-channel beamformer based on a standard FPGA", Proc IEEE Ultrason. Symp, pp 1529-1532, 2001	
		SIDDHARTHA SIKDAR, RAVI MANAGULI, LIXIN GONG, VIJAY SHAMDASANI, TSUYOSHI MITAJE, TETSUYA HAYASHI AND YONGMIN KIM, "A Single Mediaprocessor-Based Programmable Ultrasound System", IEEE Transactions on Information Technology in Biomedicine, VOL 7, NO 1, March 2003	
		SIDDHARTHA SIKDAR, RAVI MANAGULI, AND YONGMIN KIM, "Scan Conversion for a Multi-processor-based Ultrasound Processing System", Proceedings of SPIE VOL 4681 (2002)	
aj		SVERRE HOLM AND HONGXIA YAO, Improved framerate with synthetic transmit aperture imaging using prefocused subapertures, IEEE Ultrasonics Symposium, Oct. 1997.	

Examiner Signature	<i>A. J. Jansen</i>	Date Considered	12/15/2006
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